

Arizona Sunshine #1
Sec. 1 -Twp. 20N -R12½E
Coconino County, Arizona

3-1

P-W

3-1
5(2)

County Coconino

Area Two Guns

Lease No. _____

Well Name 1
Arizona Sunshine

Location NW 1/4 Sec 13 Twp 20N Range 12E Footage 2530 fsl 440 fwl

Elev 5292 Gr 5295 ~~5295~~ DF Spud 1929 Complete 1932 Total 1470
Date 1929 Abandon 1932 Depth 1470

Contractor: 5-345 USGS OLD WRR #33 P 16 Approx. Cost \$ _____

Drilled by Rotary _____
Cable Tool _____

Casing Size _____ Depth _____ Cement _____

Production Horizon _____

Initial Production D & A

Meteor Crater Topog. Sheet

REMARKS: Completed as a Wte. well.

* - Water Resource Report (location data in report in error)

our library file A3-583

Elec. _____
Logs _____
Applic _____ Plugging _____ Completion _____
to Plub _____ Record _____ Report _____

Sample Log _____
Sample Descript _____
Sample Set _____
Cores _____

Water well - accepted by _____

Bond Co. _____
& No. _____

Bond Am't \$ _____ Cancelled _____ Date _____
Organization Report _____

Filing Receipt _____ dated _____ Well Book _____ Plat Book _____

Loc. Plat _____ Dedication _____

API # 02-005-05003

PERMIT NO. None Date Issued _____

3-1

Arizona Sunshine #1

Location: Section 13, Township 20 North, Range 12½E
Coconino County, Arizona

The following information was taken from letter dated
April 20, 1950 and signed by Al Smith, Box 165,
Chloride, Arizona.

"I drilled the Sunshine well to a depth of 1470 ft -
started on the kaibab lime - 380 ft. water - 400 ft.
white sand - 1440 ft. oil shale."

No Permit

3-1

Arizona Sunshine #1

Location: Section 13, Township 20 North, Range 12 $\frac{1}{2}$ E
Coconino County, Arizona

The following information was taken from letter dated
April 20, 1950 and signed by Al Smith, Box 165,
Chloride, Arizona.

"I drilled the Sunshine well to a depth of 1470 ft -
started on the kaibab lime - 380 ft. water - 400 ft.
white sand - 1440 ft. oil shale."

- 20 -

Adams Oil Company. Well No. 1. Located in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 4, T. 14 N., R. 20 E. Drilled to depth of 4,100 feet and operations suspended. A good oil showing was reported. A log was not available. The company proposes to resume operations and test for production.

Area visited April 21, 1928.

Holbrook Test. Well is located in the NE $\frac{1}{4}$ Section 23, T. 15 N., R. 18 E., S. & S. R. E. Drilled to depth of approximately 3,400 feet. No log or information available at this time.

3-1 Sunshine Oil Company. Well No. 1. NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13 T. 20 N., R. 18 E., S. & S. R. E. Drilling commenced in Fall of 1926. Drilled to depth of approximately 350 feet and suspended operations. The company is reorganizing and will probably resume operations in the near future. Well visited April 24, 1928.

Logs which are lacking in this report will probably be obtainable later. The photographs attached were furnished by Mr. Bob Thomas, of Globe, Arizona, and pertain to wells in this report.

Drilling commenced Fall 1926
Suspended on Canfield's visit 4-24-28
Drilling resumed + completed 1929-32 per Chilson.
SLB

Reported by

R. H. Canfield,
Assistant Petroleum Engineer.

METEOR CRATER QUADRANGLE
 ARIZONA-COCONINO CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)

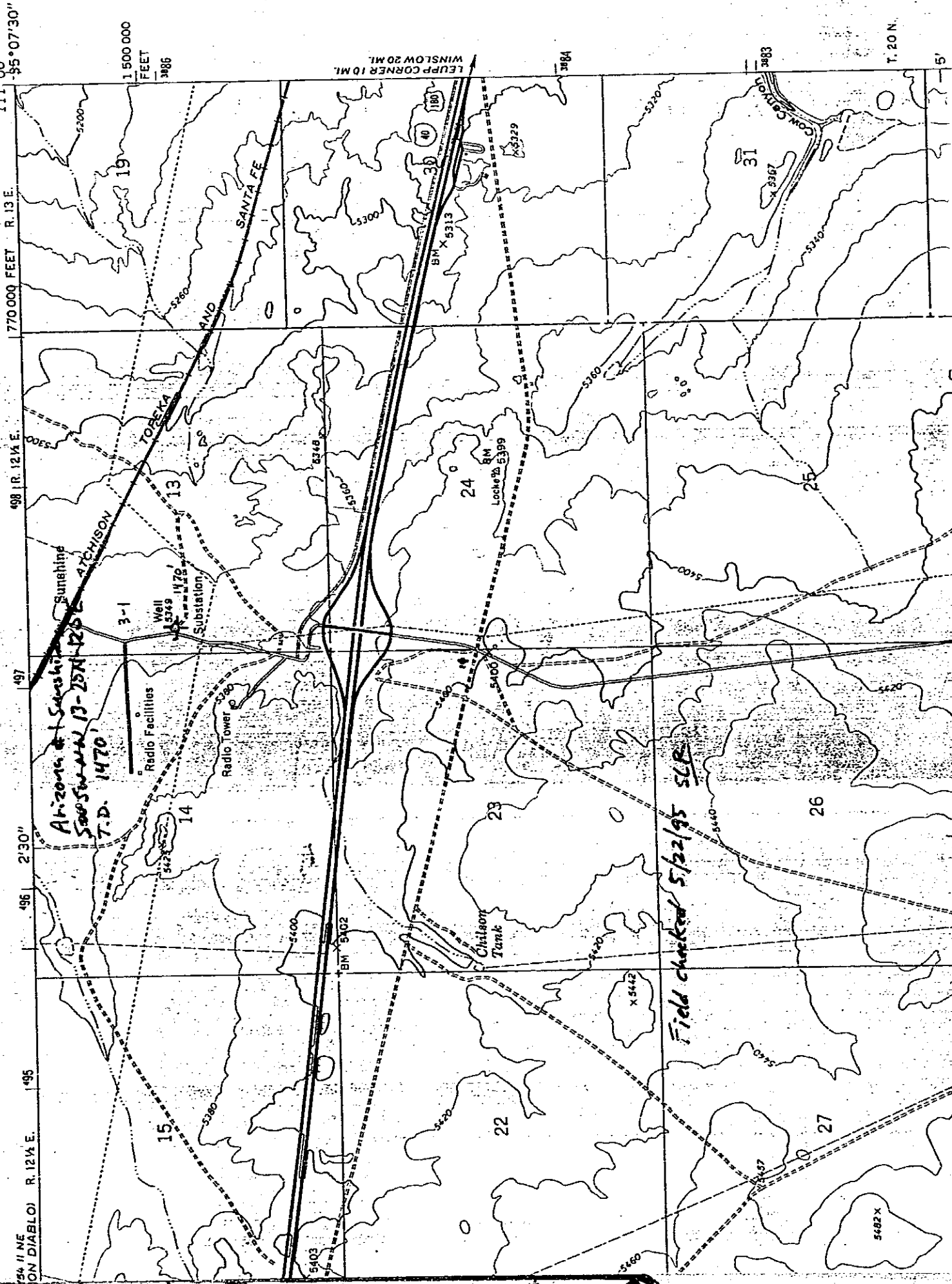


Table 1.--Records of selected wells in southern Coconino County--Continued

Location	Date completed (month, year)	Reported depth of well (feet)	Diam-eter of casing (inches)	Land-surface altitude (feet above mean sea level)	Water-bearing strata	Static water level		Bail or pump-test data			Use of water	Well log	Chem-ical anal-ysis	Remarks
						Feet below land surface	Date measured	Rate (gpm)	Draw-down (feet)	Dura-tion of test (hours)				
(A-19-14)21a	.....	.....	8	5,050	Coconino Sandstone	313	5-11-66	.....	.....	.....	S	.....	T4	
(A-19-15)27ac	.....	280	6	4,950	..... do	164	3-3-63	.....	.....	.....	N	.....	.....	Specific conductance 1,410.
28ad	.....	820	6	4,950	..... do	168	11-20-64	.....	.....	.....	N	.....	.....
(A-19-16)6acb	.....	185	6	4,830	..... do	46	4-30-65	.....	.....	.....	D, Irr	.....	T4	
(A-20-6)2bbec	8-63	1,600	24	7,187	Coconino Sandstone and Supai Formation.	1,102	9-8-68	600	.....	.....	PS	.....	.....	Woody Mountain No. 5.
(A-20-7)7acud	9-65	275	None	6,800	Alluvium and Kalbab Limestone.	Dry R	9-25-65	.....	.....	.....	N	.....	.....
7adb	1959	995	8	6,900	Supai Formation and Coconino (?) Sandstone.	949	6-7-60	.....	.....	.....	D	.....	.....
12bba	1964 (?)	987	12	6,840	Coconino Sandstone	900	8-28-65	40	.....	.....	PS	.....	.....	Ponderosa No. 3 well.
12ubb	8-65	1,040	.....	6,820	..... do	760	11-18-65	167	211	38	N	.....	.....
20dad	4-66	103	None	6,820	Alluvium and Kalbab Limestone.	Dry	4-28-66	.....	.....	.....	N	.....	.....
28bec	1961	890	.....	6,790	Coconino Sandstone	850 R	9- -61	.....	.....	.....	PS	T3	.....	Mountainaire well.
30bbc	8-65	1,075	12	6,875	Coconino Sandstone and Supai Formation.	823 R	9- -65	34	20	2	PS	T3	.....	Ball tested at 730 feet.
(A-20-8)18bbb	1982	1,174	22	6,830	..... do	598	6-4-65	300	.....	.....	N	T3	T4	Lake Mary No. 1; plugged back from 1,287 feet.
18bec	11-64	1,081	30	6,830	Coconino Sandstone	432	4-14-65	625	177	25	PS	.....	.....	Lake Mary No. 2.
(A-20-9)22acb	.....	1,465	.....	6,855	Supai Formation	Dry R	1-3-57	.....	.....	.....	N	.....	.....
(A-20-10)1ead	1946	935	8	5,900	Coconino Sandstone	819	2-15-67	.....	.....	.....	D, S	.....	.....	Pickett oil test.
28dba	11-63	3,596	5	6,250	Supai Formation	1,164	9-20-68	.....	.....	.....	N	.....	.....
(A-20-11)7ad	7-40	950	8	5,920	Coconino Sandstone	910 R	11-24-64	.....	.....	.....	D, S	T3	.....	Roy Owen oil test.
12baa	8-63	3,824	0	5,724	..... do	.....	.....	.....	.....	.....	S	.....	.....	Two Guns T. P. well.
(A-20-12)14bd	.....	850	.....	5,825	..... do	810 R	11-24-64	.....	.....	.....	PS	.....	.....	Anderson Canyon well.
29ac	1939	894	8	5,825	..... do	500 R	2- -39	2 R	.....	.....	S	.....	.....
34cc	.....	750	6	5,810	..... do	.....	.....	.....	.....	.....	S	.....	.....
(A-20-12)14dd	.....	.....	8	5,275	..... do	480	5-12-68	.....	.....	.....	S	.....	T4	
14dda (1344)	.....	1,155	12	5,345	..... do	565	5-13-68	.....	.....	.....	S	.....	T4	Sunshine oil test.
24ab	7-46	645	0	5,420	..... do	501	10-24-68	8 R	.....	.....	N	.....	.....
24abb	6-46	640	8	5,405	..... do	574	10-21-68	14 R	.....	.....	PS	.....	T4	
(A-20-13)21da	.....	350	.....	5,100	..... do	300 R	11-25-65	.....	.....	.....	D, S	.....	T4	

in error, see memo dated May 29, 1995



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

January 2, 1996

Mr. Billy Cordasco
C O Bar Livestock Company
P.O. Box 520
Flagstaff, Arizona 86002

Dear Mr. Cordasco:

I am writing to ask if you can tell me when the Arizona #1 Sunshine well, just north of the freeway exit to Meteor Crater, was drilled. The drilling date for this well is listed as "not available" in our record, and I recently had the opportunity to discuss the well with Mr. Ernest Chilson. He recalled being at the well when it was being drilled during the period 1929-1932, but he couldn't recall a more specific date. He suggested that I contact you as you may have the drilling date in your records.

By the way, we maintain records on all wells drilled for oil or gas in Arizona. As a result, please do not hesitate to contact us at any time if you ever need information on subsurface geology.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Cordasco called 1/22/96 - Used to have all files to ranch but sold ranch to C.T.I. Corp. & transferred all files. Suggested I contact Greg Gibbons @ C.T.I. Corp.

*Called Greg Gibbons 1/22/96 - Has record on 12 wells, some with drillers log but no dates. One well in that area records T.D. of 1155' and with level of 565'.
[If this information is of the 1 Sunshine well the water level has dropped from about 400' in 1929-32 to 565' today i.e. ~ 165']*

ERNEST W. CHILSON
1800 HEREFORD DR.
FLAGSTAFF, ARIZONA
86001

December 27, 1995

Mr. Steven L. Rauzi, Administrator
Oil and Gas Program
Arizona Geological Survey
416 West Congress, Suite 100
Tucson, Arizona 85701

Dear Steve:

I am in receipt of your letter of December 20th and
I found the list of Oil and Gas Conservation Commis-
sioners interesting.

The Arizona Sunshine No.1 well drilled by Al Smith was
drilled some time during the period 1929-1932. I was
at the well site while it was being drilled but cannot
remember the exact date.

I suggest you contact Billy Cordasco who is Vice Pres-
ident of Babbitt Brothers Trading Company and Manager
of Babbitt Brothers Livestock Operations. I suspect
they will have the drilling date in their records.

Billy Cordasco-address is: C O Bar Livestock Co., P.O.
Box 520, Flagstaff, Arizona 86002.

Best wishes for a Happy New Year.

Sincerely,


Ernest W. Chilson



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 20, 1995

Mr. Ernest W. Chilson
1800 East Hereford Drive
Flagstaff, Arizona 86001

Dear Ernest:

I am writing to ask if you can tell me when the Arizona #1 Sunshine well, just north of the freeway exit to Meteor Crater, was drilled. The drilling date for this well is listed as "not available" in our record, and I recalled our short discussion about the Sunshine well when we met at the Townsend Company well last June. In fact, about the only information we have on the Sunshine well is the enclosed brief description from Al Smith's letter to Leo Heindl of the State Land Department. It's too bad Leo didn't ask Al when the well was drilled. In any event, I'd like to add this information to our record, and I'm hoping you recall when the well was drilled.

Knowing that you were one of the first Oil & Gas Commissioners, I've enclosed an historical listing of Commissioners from 1959 to the present. Current members are highlighted. When I joined the Commission in 1988, it was still a stand-alone agency with four employees in Phoenix. Because of the low level of oil & gas activity, however, it was merged with, and I was transferred to, the Arizona Geological Survey in Tucson in 1991.

In closing, I hope this note finds you in good health and enjoying a merry Christmas and happy new year. Please stop by and visit when you are in Tucson. You are always welcome.

Sincerely,

Steve

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

ARIZONA OIL AND GAS CONSERVATION COMMISSION

COMMISSIONER	APPOINTED TERM	SERVED
Ernest W. Chilson, Winslow (15)	07-01-59 to 12-31-60	Resigned 03-07-60
Judge William E. Kimble, Bisbee (8)	07-01-59 to 12-31-61	Reappointed, Resigned 11-10-65
R. Keith Walden*, Tucson (58)	07-01-59 to 12-31-62	Died 03-23-61
	01-01-63 to 12-31-67	Resigned 05-28-64
Malcolm F. Wharton, Phoenix (11)	07-01-59 to 12-31-63	Replaced Kimble, Resigned 08-23-61
Charles Kalil, M.D., Phoenix (54)	07-01-59 to 12-31-64	(Appointed Cochise Superior Court Judge)
Anthony T. Deddens*, Bisbee (15)	03-07-60 to 12-31-61	Succeeded Chilson
		Reappointed, Died 06-19-68
Lynn Lockhart*, Springerville (69)	01-30-61 to 12-31-65	Replaced Wharton
	03-09-66 to 12-31-70	Replaced Deddens
Robert B. Heward, Holbrook (18)	04-26-61 to 12-31-63	Reappointed
Orme Lewis, Phoenix (39)	09-11-61 to 12-31-61	Succeeded Heward [succeeded by Moore]
	01-01-62 to 12-31-66	Replaced Lockhart [succeeded by Benton]
Lucien B. Owens*, Holbrook (63)	04-01-64 to 12-31-68	Succeeded Kalil
	02-19-69 to 12-31-70	Replaced Walden, Died 07-67
George T. Siler, Flagstaff (42)	05-10-65 to 12-31-69	Succeeded Lewis, Resigned 07-15-70
Hiram S. Corbett, Tucson (13)	11-10-65 to 12-31-67	(Appointed to Board of Regents)
Kenneth G. Benton, Phoenix (26)	03-02-67 to 12-31-71	Replaced Corbett
		First reappointment
Ralph W. Bilby*, Tucson (110)	07-10-67 to 12-31-67	Second reappointment
	01-08-68 to 12-31-72	Third reappointment
	04-08-74 to 01-16-78	Fourth reappointment, Resigned 09-20-85
	01-16-78 to 01-17-83	Succeeded Owens, Died 04-12-72
	02-24-83 to 01-17-88	Succeeded Siler
Frank E. Moore, Douglas (33)	02-19-69 to 12-31-73	Replaced Benton
Robert A. Bledsoe, Flagstaff (48)	01-28-70 to 12-31-74	Reappointed
W. Roger Hafford, Scottsdale (44)	07-29-70 to 12-31-71	Succeeded Owens
	01-12-72 to 12-31-76	Succeeded Moore, Resigned 05-13-77
F. Keith Benton, Yuma (19)	04-04-72 to 12-31-75	Succeeded Bledsoe
Geoffrey E.H. Ballard, PhD, Sierra Vista (13)	07-10-74 to 01-15-79	Reappointed, Resigned 10-21-81
Hal Butler, Show Low (25)	01-20-75 to 01-21-80	Succeeded Benton
	04-15-80 to 01-21-85	First reappointment
J. Dale Nations, PhD*, Flagstaff (82)	01-19-76 to 01-19-81	Second reappointment
	01-19-81 to 01-25-86	Third reappointment
	01-25-86 to 01-21-91	Succeeded Hafford, Resigned 05-19-78
	01-11-91 to 01-15-96	Replaced Ballard
Norman D. Levitt, Scottsdale (3)	01-31-77 to 01-18-82	Replaced Levitt
Robert A. Gallaher, Tucson (8)	05-31-77 to 01-15-79	Succeeded Gallaher
Johnny Gregovich, Claypool (11)	05-19-78 to 01-18-82	Replaced Butler
Leroy A. Palmer, Taylor (20)	01-15-79 to 01-16-84	Succeeded Gregovich
Watson M. Tomerlin, San Manuel (11)	01-18-82 to 01-21-85	Succeeded Tomerlin
Forrest R. Rickard, Ajo (23)	02-15-82 to 01-19-87	Reappointed
Jan C. Wilt, PhD*, Tucson (42)	04-17-85 to 01-15-90	Succeeded Palmer
	01-15-90 to 01-16-95	Reappointed
James E. Warne, Jr., Phoenix (38)	09-21-84 to 01-16-89	Replaced Bilby
	01-16-89 to 01-17-94	Reappointed, Resigned 03-08-89
Mary Ann Niccoli, Phoenix (13)	01-30-86 to 01-17-88	Succeeded Rickard
	01-18-88 to 01-19-93	Replaced Niccoli
Archie Roy Bennett, Prescott (17)	01-19-87 to 01-20-92	Succeeded Bennett
Barbara H. Murphy, Glendale (11)	03-08-90 to 01-18-93	Succeeded Murphy
Zed Veale, Flagstaff (11)	01-20-92 to 01-20-97	Succeeded Warne
Lisa C. Worthington, Paradise Valley (7)	07-02-93 to 01-15-98	Succeeded Wilt
James C. Lunshe, Paradise Valley (5)	02-24-94 to 01-18-99	
Donald W. Clay, PhD. (1)	04-17-95 to 01-17-00	

* Denotes Chairperson

May 29, 1995

Memo: Arizona #1 Sunshine file (3-1)
From: ^{SL}Steven L. Rauzi, Oil & Gas Program Administrator
Re: Location of hole

On Monday, May 22, 1995, I field checked the location of the Arizona #1 Sunshine well as listed in the March 1968 *Arizona State Land Department Water Resources Report No. 33* [(A-20-12 1/2)14dda]. I found no evidence, whatsoever, of a well anywhere in the ne se se of Sec. 14, T. 20 N., R. 12 1/2 E. No well has been converted to a water well in this location.

According to conversations I had with Ernest Chilson at the Townsend Company oil test on May 23, 1995, however, the water well shown in the nw nw sw of Sec. 13, T. 20 N., R. 12 1/2 E. on the Meteor Crater 7.5' Quadrangle map is the old Arizona #1 Sunshine test that was converted to a water well. Mr. Chilson has owned the Bar-T-Bar Ranch for many years and he remembers the Sunshine test and the old Babbitt Brothers Ranch headquarters, the ruins of which can still be seen in the se quarter of Sec. 14, T. 20 N., R. 12 1/2 E.

In light of this information, and my field check of May 22 and 23, 1995, the (A-20-12 1/2) 14dda (ne se se 14-20N-12 1/2E) location for the Arizona #1 Sunshine test as given in the March 1968 *Arizona State Land Department Water Resources Report No. 33* is in error.

May 20, 1950

Mr. Al Smith
Box 165
Chloride, Arizona

Dear Mr. Smith:

Thank you very much for your information regarding the Sunshine well. We are as yet without an accurate location, and if you could supply that we would very much appreciate it.

While I do not plan to be up in your part of the state at any time in the near future, I should like at some time to contact you to discuss the possibility of obtaining information regarding deep water wells in Northern Arizona. I have been told that you have been quite interested in the water situation, and we feel that information from deep water wells is of equal importance to information from other deep holes.

I would very much appreciate discussing the matter with you when I am able to get to your part of the state.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb

400 permit

L. A. Hindle, Geologist,
State Land Dept.
Phoenix Ariz.

Dear Mr. Hindle,

I have been away from home,
hence the delay in a reply to your
letter of April 7th.

I drilled the Sunshine Well to a depth
of 1470 ft - started on the Kaibab lime -
380 ft - water - 405^{ft} white sand - 1440 ft
oil shale.

If there is any other particular
information I can give you, I will be
glad to call on you sometime when I am
in Phoenix, or if you should come this
way, I am usually here at The Ranch,
which is six miles west of The Chloride
Cross Roads on The Boulder Dam highway -

Yours sincerely

Al Smith

Box 165

Chloride Arizona

4/20/50.

no permit

April 7, 1950

Mr. Al Smith
Kingman, Arizona

Dear Mr. Smith:

The State Land Department is anxious to collect all possible information regarding deep well holes in the state. It has been brought to our attention that you have been connected with some deep drilling in the northern part of Arizona, and in particular with the Sunshine well drilled east of Flagstaff some 30 years ago.

Our files on this area are not nearly so complete as we would like to have them, and any information that you are able to give us regarding any deep holes would be greatly appreciated.

Very truly yours,

L. A. Heindl
Geologist

LAH:kb

no permit